



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

SG-TEC LLC
1520 Ocean Avenue
Bohemia, NY 11716

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: 5/32" and 3/16" Diameter Carbon and Stainless Steel Multi-Purpose Screws

APPROVAL DOCUMENT: Drawing No. AD# 15-026, titled "MPSTM (Multi Purpose Screw 5/32" and 3/16", sheets 1 through 3 of 3, dated 05/12/2015, prepared by SG-TEC LLC, signed and sealed by Yiping Wang, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance (NOA) number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each box shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved or MDCPCA", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA consists of this page 1, evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



[Signature]
10/06/2015

NOA No: 15-0611.03
Expiration Date: October 15, 2020
Approval Date: October 15, 2015
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. AD# 15-026, titled "MPSTTM (Multi Purpose Screw) 5/32" and 3/16", sheets 1 through 3 of 3, dated 05/12/2015, prepared by SG-TEC LLC, signed and sealed by Yiping Wang, P.E.

B. TESTS

	<u>Test Report No.</u>	<u>Standard</u>	<u>Date</u>	<u>Signature</u>
1.	HETI-13-A1152	ASTM E488-10/AC193-12	03/24/15	Rafael E. Droz-Seda, P.E.
2.	HETI-14-A1022	ASTM E488-10/AC193-12	03/24/15	Rafael E. Droz-Seda, P.E.
3.	HETI-13-A1186	ASTM D1761-12	03/24/15	Rafael E. Droz-Seda, P.E.
4.	HETI-14-A1033	ASTM D1761-12	03/27/15	Rafael E. Droz-Seda, P.E.
5.	HETI-14-T323	ASTM F606-14	03/27/15	Rafael E. Droz-Seda, P.E.
6.	HETI-14-T324	ASTM F606-14	03/27/15	Rafael E. Droz-Seda, P.E.
7.	HETI-14-T325	ASTM F606-14	03/27/15	Rafael E. Droz-Seda, P.E.
8.	HETI-13-S312	ASTM G85-11	01/21/14	Rafael E. Droz-Seda, P.E.
9.	HETI-13-S313	ASTM G85-11	01/21/14	Rafael E. Droz-Seda, P.E.
10.	HETI-14-S309	ASTM G85-11	05/29/14	Rafael E. Droz-Seda, P.E.
11.	HETI-14-C305	ASTM C39-14a	04/15/14	Rafael E. Droz-Seda, P.E.
12.	HETI-14-C306	ASTM C39-14a	04/14/14	Rafael E. Droz-Seda, P.E.
13.	HETI-14-C307	ASTM C942-10	04/14/14	Rafael E. Droz-Seda, P.E.

C. CALCULATIONS

1. Anchor allowable capacities prepared by MCY Engineering, Inc., dated 06/08/2015, signed and sealed by Yiping Wang, P.E.

D. MATERIAL CERTIFICATIONS

1. None.

E. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

F. STATEMENTS

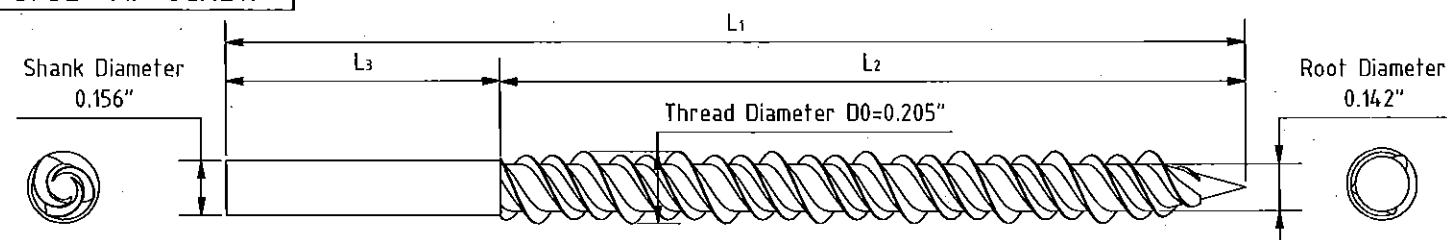
1. Statement letter of code conformance to the 5th edition (2014) FBC issued by MCY Engineering, Inc., dated 06/08/2015, signed and sealed by Yiping Wang, P.E.
2. Statement letter of no financial interest letter issued by MCY Engineering, Inc., dated 06/08/2015, signed and sealed by Yiping Wang, P.E.
3. Distributor agreement dated 04/04/2015.



10/06/2015

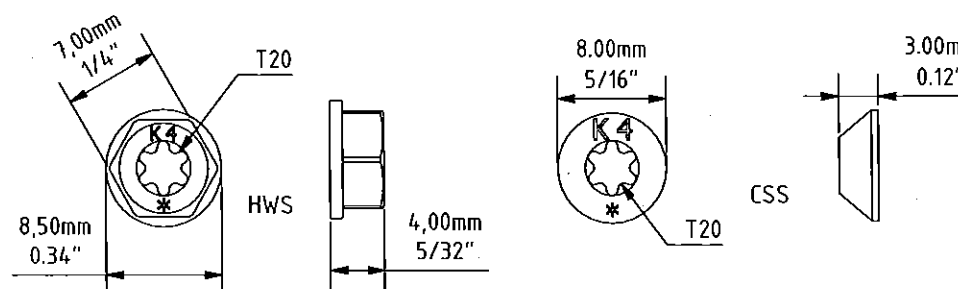
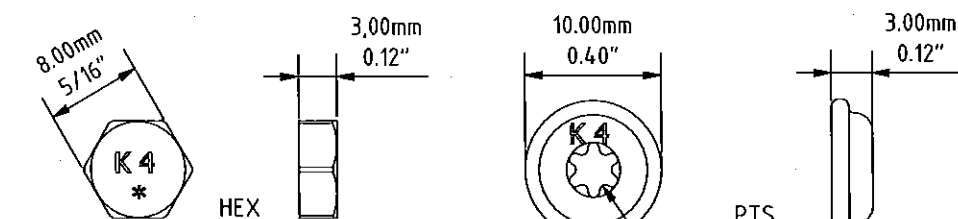
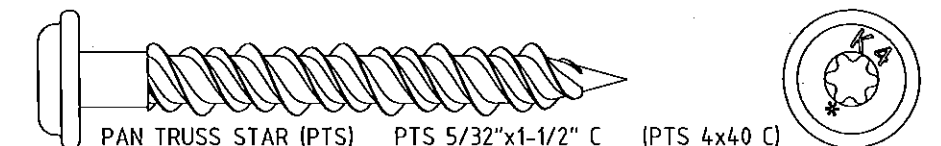
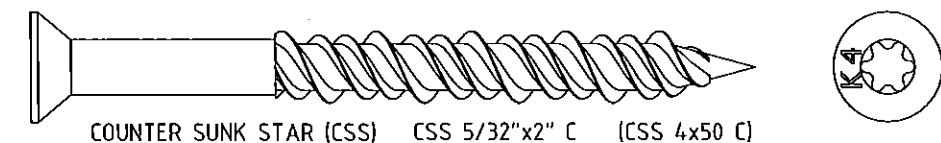
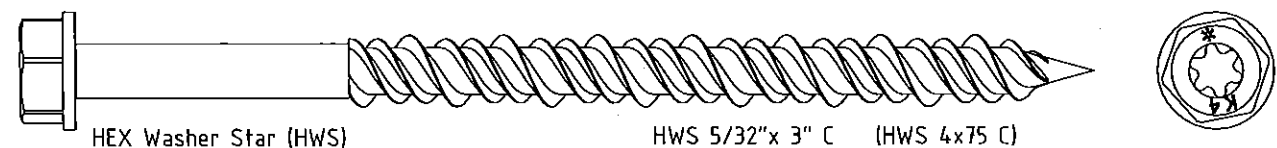
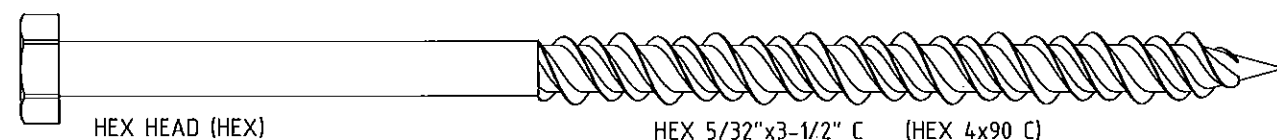
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 15-0611.03
Expiration Date: October 15, 2020
Approval Date: October 15, 2015

5/32" MP SCREW



Model	D0	L1	L2	L3	Marking
H 5/32"x1-1/2" M (H 4x40 M)	0.165" (5.21mm)	1-1/2" (40mm)	1-1/4" (32 mm)	1/4" (8mm)	K 4
H 5/32"x2" M (H 4x50 M)	0.165" (5.21mm)	2" (50mm)	1-1/4" (32 mm)	3/4" (18mm)	K 4
H 5/32"x2-1/2" M (H 4x65 M)	0.165" (5.21mm)	2-1/2" (65mm)	2-1/4" (57mm)	1/4" (8mm)	K 4 *
H 5/32"x3" M (H 4x75 M)	0.165" (5.21mm)	3" (75mm)	2-1/4" (57mm)	3/4" (18mm)	K 4 *
H 5/32"x3-1/2" M (H 4x90 M)	0.165" (5.21mm)	3-1/2" (90mm)	2-1/4" (57mm)	1-1/4" (33mm)	K 4 *
H 5/32"x4" M (H 4x100 M)	0.165" (5.21mm)	4" (100mm)	2-1/4" (57mm)	1-3/4" (43mm)	K 4 *

H = HEAD TYPE M = MATERIAL (S = STAINLESS STEEL; C = CARBON STEEL) D0 = DRILL BIT DIAMETER
MARKINGS 'K 4' or 'K 4*' INDICATE MANUFACTURER SG-TEC WITH A 'K'; DRILL DIAMETER AND EMBEDMENT DEPTH.



ALLOWABLE ANCHOR CAPACITIES:

CARBON STEEL	EMBEDMENT		EDGE DIST.		CENTRE SP.		SUBSTRATE			ALLOW. TENSION		ALLOW. SHEAR	
	INCH	MM	INCH	MM	INCH	MM	Type	psi/SG	MPa/SG	lbf	kN	lbf	kN
	1 3/4	45					CONCRETE	fc'=2770	fc'=19.10	453	2.02	386	1.72
			3 1/2	90	4	100	CMU	fm'=2000	fm'=13.79	150	0.67	262	1.17
							GF	fm'=2650	fm'=18.27	270	1.20	331	1.47
			1 3/4	45	4	100	WOOD SPF	SG=0.38	SG=0.38	289	1.29	264	1.17
			1 7/8	48	4	100	WOOD DF	SG=0.42	SG=0.42	349	1.55	265	1.18

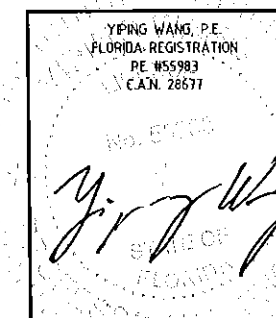
CMU CONCRETE MASONRY UNITS (CMU/HOLLOW BLOCKS)
WITH 2000 psi NOMINAL FOR US MARKET.
GF GROUT FILLED BLOCKS
SPF SPRUCE-PINE-FIR WITH SPECIFIC GRAVITY OF 0.38
DF DOUGLAS FIR WITH SPECIFIC GRAVITY OF 0.42
SG SPECIFIC GRAVITY

CARBON STEEL SCREWS ARE COATED WITH SG-COAT. SG-COAT WAS TESTED FOR 600 HRS (300 CYCLES) AS PER ASTM G85 Annex A5 and TAS 114 APPENDIX E. SG-COAT IS AVAILABLE IN DIFFERENT COLORS. SG-COAT IS ENVIRONMENT FRIENDLY. SG-COAT IS FREE FROM RoHS DIRECTIVE 6 HAZARDOUS SUBSTANCES SUCH AS LEAD, CADMIUM AND MERCURY, INCLUDING HEXAVALENT AND TRIVALENT CHROMIUM. REF-REPORT HETI-13-S312.

GENERAL NOTES:

- (1). THIS PRODUCT HAS BEEN DESIGNED & TESTED IN ACCORDANCE WITH THE 2014 FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE) AND THE FOLLOWING STANDARDS ASTM E488 & TABLE 4.1 OF AC193 (ACI 355.2), ASTM D1761-12.
- (2). ANCHORS ARE MANUFACTURED IN HIGH GRADE 8.8 CARBON STEEL AND SHALL HAVE A CORROSION RESISTANT SG-COATING. HEAD MARKINGS: SG-TEC CARBON STEEL ANCHORS ARE IDENTIFIED WITH "K".
- (3). ALLOWABLE LOAD CAPACITIES TO SUBSTRATES THAT ARE NOT SHOWN IN THE DESIGN TABLES LISTED HEREIN ARE OUTSIDE THE SCOPE OF THIS CERTIFICATION AND SHALL BE DETERMINED BY A LICENSED PROFESSIONAL ENGINEER.
- (4). ANCHOR INSTALLATION SHALL BE MADE IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS AND THIS MIAMI-DADE COUNTY, FLORIDA RER. NOTICE OF ACCEPTANCE.
- (4.1). SEE DRILL BIT TABLE TO DETERMINE APPROPRIATE DRILL BIT DIAMETER CORRESPONDING TO FASTENER DIAMETER.
- (4.2). CLEAN HOLES OF DEBRIS AND DUST BEFORE INSTALLATION OF ANCHOR.
- (4.3). ANCHORS SHALL NOT BE INSTALLED BEFORE THE CONCRETE HAS DEVELOPED ITS DESIGN STRENGTH.
- (4.4). ANCHORS SHALL NOT BE INSTALLED IN CRACKED CONCRETED SUBSTRATES, AS DEFINED IN ACI 355.2.
- (5). ANCHOR VALUES LISTED HEREIN ARE DETERMINED THROUGH TESTING REPORT DATA AND CHECKED FOR CONSISTENCY WITH EACH TEST PERFORMED.
- (6). REFERENCE THE FOLLOWING TEST REPORTS:
HETI-13-A1152, HETI-13-A1186, HETI-14-A1033, HETI-14-A1022, HETI-14-C305, HETI-14-C306, HETI-14-C307, HETI-13-S312, HETI-13-S313, HETI-14-S309, HETI-14-T323, HETI-14-T324, HETI-14-T325
- (7). CONCRETE SHALL CONFORM TO ACI 301 SPECIFICATION, WITH STRENGTH PROPERTIES AS SPECIFIED HEREIN. HOLLOW CONCRETE BLOCK SHALL CONFORM TO ASTM C-90.
- (8). ALLOWABLE LOADS IN CONCRETE ARE BASED ON ULTIMATE LOADS DIVIDED BY 4.
- (9). ALLOWABLE LOADS IN CMU AND GF ARE BASED BY ULTIMATE LOADS DIVIDED BY 5.
- (10). PILOT HOLES SHALL BE DRILLED USING A HAMMER DRILL AND 5/32" (4mm) DRILL BIT, AND SHALL BE A MINIMUM 1/4" DEEPER THAN THE REQUIRED EMBEDMENT DEPTH IN CONCRETE.
- (11). NO NEED TO PREDRILL IN WOOD SUBSTRATES.
- (12). ANCHORS NOTED HEREIN HAVE A TENSILE YIELD STRENGTH OF $F_y = 113.6$ ksi AND A TENSILE ULTIMATE STRENGTH OF $F_u = 129.6$ (ksi) HETI-14-T323

Approved as complying with the
Florida Building Code
Date 10/15/2015
NOAH 15-0611.03
Miami Dade Product Control
By [Signature]



REVISIONS
NO. DATE DESCRIPTIONS

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
8501 SW 124 AVE. STE 205A
MIAMI, FL 33183
P: 305.271.0117
F: 785.573.5063
www.MCYEngineering.com
MCYEngineering@att.net

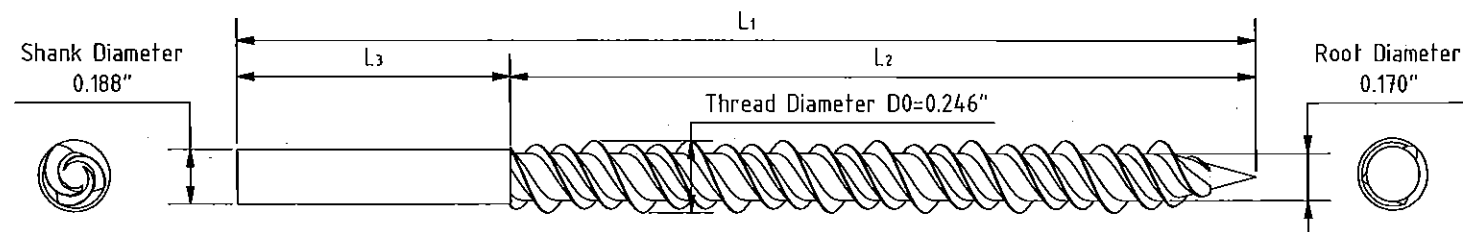
MPS™ (Multi Purpose Screw) 5/32" (4mm)

SG-TEC LLC
1520 Ocean Avenue, Bohemia, NY 11716
Tel: (631) 750 6161

DATE 05/12/2015
SCALE 2 : 1
DRAWN HG
PROJECT SG-TEC
DRAWING NO. AD# 15-026
Page 01 of 03

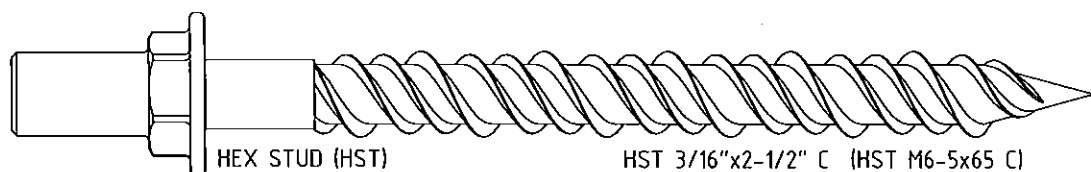
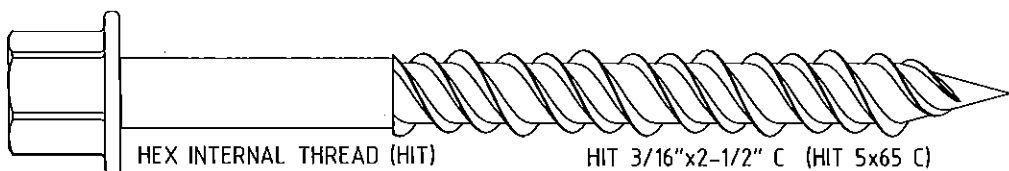
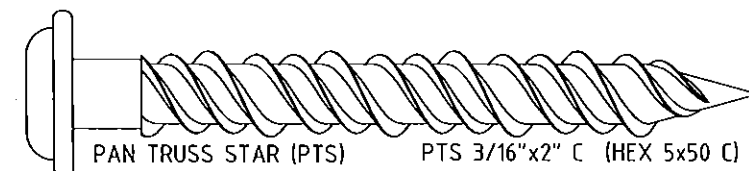
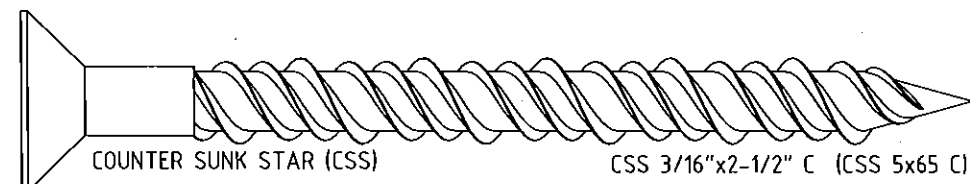
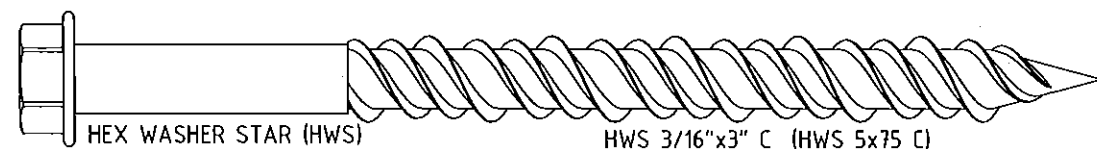
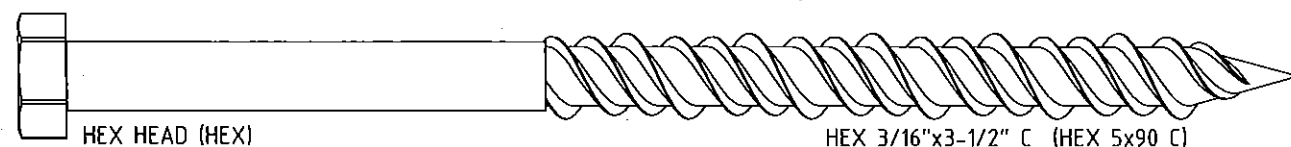
SEP 02 2015

3/16" MP SCREW



Model	D0	L1	L2	L3	Marking
H 3/16"x1-1/2" M (H 5x40 M)	0.205" (6.25mm)	1-1/2" (40mm)	1-1/4" (32mm)	1/4" (8mm)	K 4
H 3/16"x2" M (H 5x50 M)	0.205" (6.25mm)	2" (50mm)	1-1/4" (32mm)	3/4" (18mm)	K 4
H 3/16"x2-1/2" M (H 5x65 M)	0.205" (6.25mm)	2-1/2" (65mm)	2-1/4" (57mm)	1/4" (8mm)	K 4 *
H 3/16"x3" M (H 5x75 M)	0.205" (6.25mm)	3" (75mm)	2-1/4" (57mm)	3/4" (18mm)	K 4 *
H 3/16"x3-1/2" M (H 5x90 M)	0.205" (6.25mm)	3-1/2" (90mm)	2-1/4" (57mm)	1-1/4" (33mm)	K 4 *
H 3/16"x4" M (H 5x100 M)	0.205" (6.25mm)	4" (100mm)	2-1/4" (57mm)	1-3/4" (43mm)	K 4 *

H = HEAD TYPE M = MATERIAL (S = STAINLESS STEEL; C = CARBON STEEL) D₀ = DRILL BIT DIAMETER
MARKINGS 'K 4' or 'K 4*' INDICATE MANUFACTURER SG-TEC WITH A 'K'; DRILL DIAMETER AND EMBEDMENT DEPTH.



CARBON STEEL SCREWS ARE COATED WITH SG-COAT. SG-COAT WAS TESTED FOR 600 HRS (300 CYCLES) AS PER ASTM G85 Annex A5 and TAS 114 APPENDIX E. SG-COAT IS AVAILABLE IN DIFFERENT COLORS. SG-COAT IS ENVIRONMENT FRIENDLY. SG-COAT IS FREE FROM RoHS DIRECTIVE 6 HAZARDOUS SUBSTANCES SUCH AS LEAD, CADMIUM AND MERCURY, INCLUDING HEXAVALENT AND TRIVALENT CHROMIUM. REF-REPORT HETI-13-S312.

GENERAL NOTES:

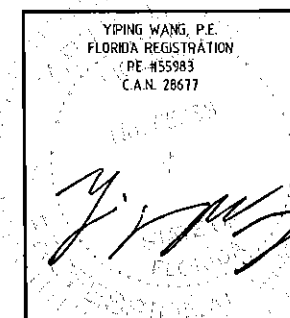
- (1). THIS PRODUCT HAS BEEN DESIGNED & TESTED IN ACCORDANCE WITH THE 2014 FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE) AND THE FOLLOWING STANDARDS ASTM E488 & TABLE 4.1 OF AC193 (ACI 355.2), ASTM D1761-12.
- (2). ANCHORS ARE MANUFACTURED FROM .304 STAINLESS AND HIGH GRADE 8.8 CARBON STEEL AND SHALL HAVE A CORROSION RESISTANT SG-COATING. HEAD MARKINGS: SG-TEC CARBON STEEL ANCHORS ARE IDENTIFIED WITH "K".
- (3). ALLOWABLE LOAD CAPACITIES TO SUBSTRATES THAT ARE NOT SHOWN IN THE DESIGN TABLES LISTED HEREIN ARE OUTSIDE THE SCOPE OF THIS CERTIFICATION AND SHALL BE DETERMINED BY A LICENSED PROFESSIONAL ENGINEER.
- (4). ANCHOR INSTALLATION SHALL BE MADE IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS AND THIS MIAMI-DADE COUNTY, FLORIDA REC. NOTICE OF ACCEPTANCE.
 - (4.1). SEE DRILL BIT TABLE TO DETERMINE APPROPRIATE DRILL BIT DIAMETER CORRESPONDING TO FASTENER DIAMETER.
 - (4.2). CLEAN HOLES OF DEBRIS AND DUST BEFORE INSTALLATION OF ANCHOR.
 - (4.3). ANCHORS SHALL NOT BE INSTALLED BEFORE THE CONCRETE HAS DEVELOPED ITS DESIGN STRENGTH.
 - (4.4). ANCHORS SHALL NOT BE INSTALLED IN CRACKED CONCRETED SUBSTRATES, AS DEFINED IN ACI 355.2.
- (5). ANCHOR VALUES LISTED HEREIN ARE DETERMINED THROUGH TESTING REPORT DATA AND CHECKED FOR CONSISTENCY WITH EACH TEST PERFORMED.
- (6). REFERENCE THE FOLLOWING TEST REPORTS:
 - HETI-13-A1152, HETI-13-A1186, HETI-14-A1033, HETI-14-A1022, HETI-14-C305, HETI-14-C306, HETI-14-C307, HETI-13-S312, HETI-13-S313, HETI-14-S309, HETI-14-T323, HETI-14-T324, HETI-14-T325
- (7). CONCRETE SHALL CONFORM TO ACI 301 SPECIFICATION, WITH STRENGTH PROPERTIES AS SPECIFIED HEREIN. HOLLOW CONCRETE BLOCK SHALL CONFORM TO ASTM C-90.
- (8). ALLOWABLE LOADS IN CONCRETE ARE BASED ON ULTIMATE LOADS DIVIDED BY 4.
- (9). ALLOWABLE LOADS IN CMU AND GF ARE BASED BY ULTIMATE LOADS DIVIDED BY 5.
- (10). PILOT HOLES SHALL BE DRILLED USING A HAMMER DRILL AND 3/16" (5mm) DRILL BIT, AND SHALL BE A MINIMUM 1/4" DEEPER THAN THE REQUIRED EMBEDMENT DEPTH IN CONCRETE.
- (11). NO NEED TO PREDRILL IN WOOD SUBSTRATES.
- (12). CARBON STEEL ANCHORS NOTED HEREIN HAVE A TENSILE YIELD STRENGTH OF F_y = 68.2 ksi AND A TENSILE ULTIMATE STRENGTH OF F_u = 147.1 (ksi) HETI-14-T323

ALLOWABLE ANCHOR CAPACITIES:

	EMBEDMENT		EDGE DIST.		CENTRE SP.		SUBSTRATE			ALLOW. TENSION		ALLOW. SHEAR	
	INCH	MM	INCH	MM	INCH	MM	Type	psi/SG	MPa/SG	lbf	kN	lbf	KN
CARBON STEEL	1 3/4	45	3 1/2	90	4	100	CONCRETE	fc'=2770	fc'=19.10	675	3.00	507	2.26
							CONCRETE	fc'=5940	fc'=40.97	692	3.08	551	2.45
							CMU	fm'=2000	fm'=13.8	141	0.63	258	1.15
							GF	fm'=2650	fm'=13.79	291	1.29	439	1.95
			1 3/4	45	4	100	WOOD SPF	SG=0.38	SG=0.38	295	1.31	264	1.17
			1 7/8	48	4	100	WOOD DF	SG=0.42	SG=0.42	318	1.41	325	1.45
STAINLESS STEEL	1 3/4	45	3 1/2	90	4	100	CONCRETE	fc'=2770	fc'=19.10	467	2.08	732	3.26
							CONCRETE	fc'=5940	fc'=47.07	491	2.18	612	2.72
							CMU	fm'=2000	fm'=13.8	93	0.41	320	1.42
							GF	fm'=2650	fm'=13.79	376	1.67	695	3.09
			1 3/4	48	4	100	WOOD SPF	SG=0.38	SG=0.38	340	1.51	290	1.29
			1 7/8	48	4	100	WOOD DF	SG=0.42	SG=0.42	337	1.50	331	1.47

CMU CONCRETE MASONRY UNITS (CMU/HOLLOW BLOCKS) WITH 2000 PSI NOMINAL FOR US MARKET.
GF GROUT FILLED BLOCKS
SPF SPRUCE-PINE-FIR WITH SPECIFIC GRAVITY OF 0.38
DF DOUGLAS FIR WITH SPECIFIC GRAVITY OF 0.42
SG SPECIFIC GRAVITY

Approved as complying with the
Florida Building Code
Date 10/15/2015
NOAH 15-0611.23
Miami Dade Product Control
By [Signature]



REVISIONS	
NO.	DESCRIPTIONS

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

8501 SW 124 AVE. STE. 205A
MIAMI, FL 33183
P: 305.271.0117
F: 785.573.5063
www.MCYEngineering.com

SG-TEC
MPS™ (Multi Purpose Screw) 3/16" (5mm)

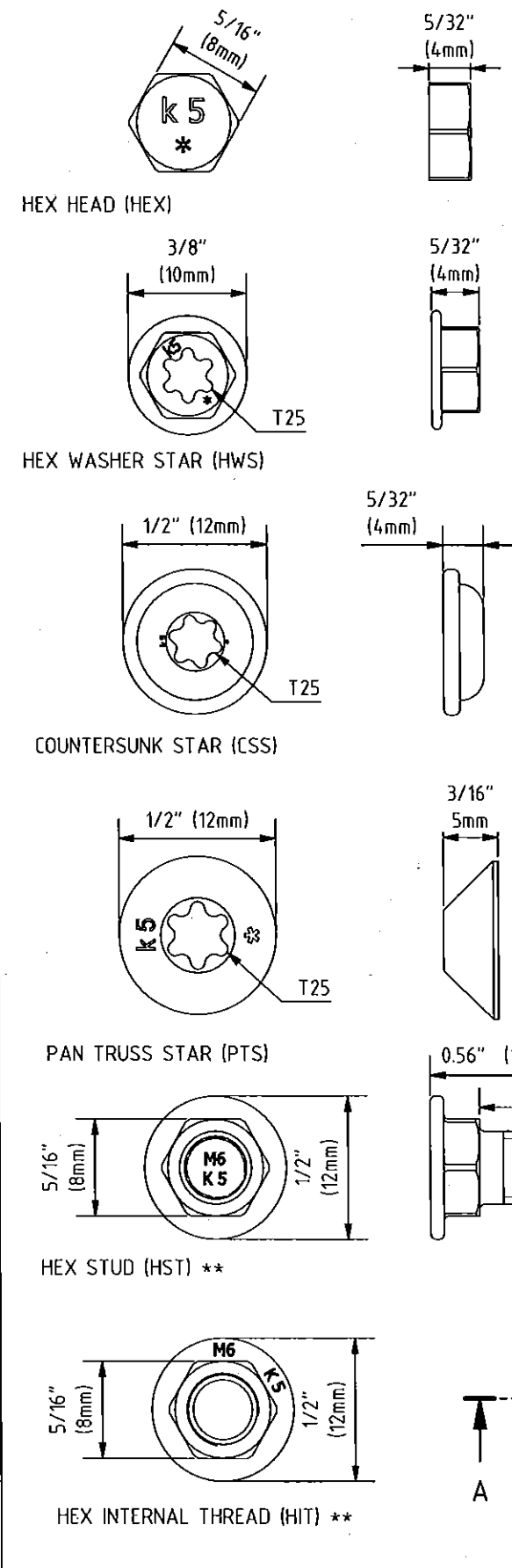
SG-TEC LLC
1520 Ocean Avenue, Bohemia, NY 11716
TEL: (631) 750 6161

DATE	05/12/2015
SCALE	2 : 1
DRAWN	HG
PROJECT	SG-TEC
DRAWING NO.	AD# 15-026
Page 02 of 03	

SEP 02 2015

HEADFORMS 3/16" MP SCREWS

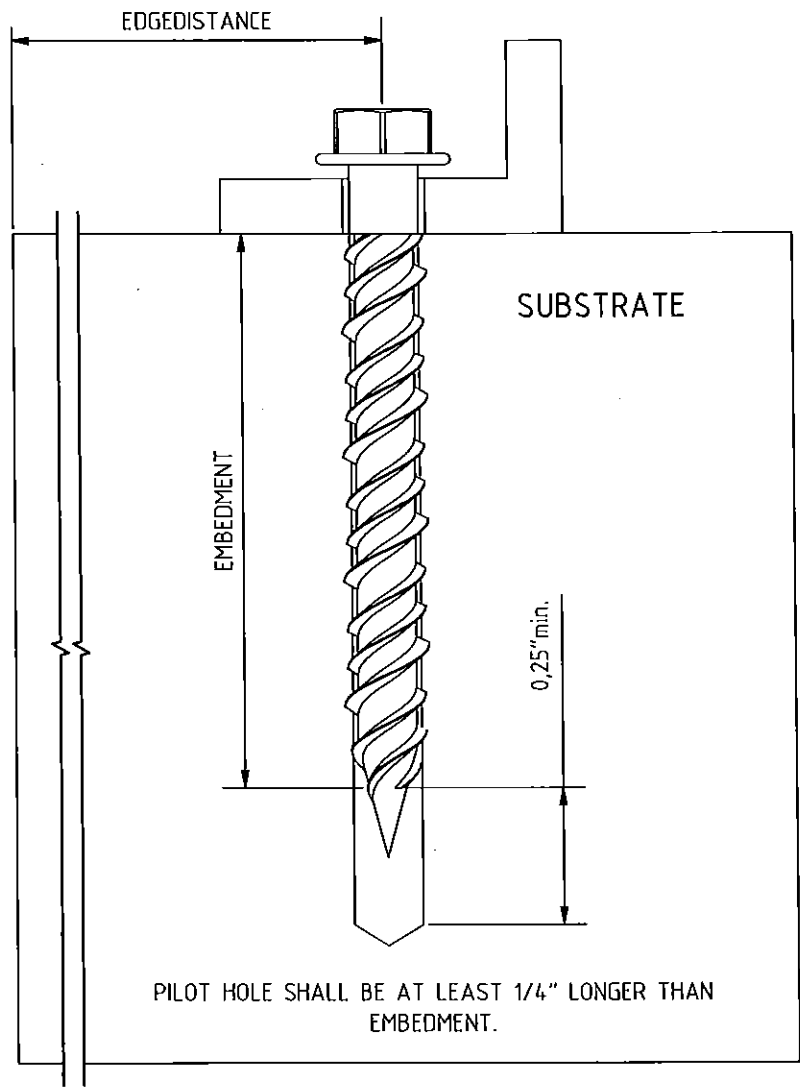
ANCHOR SYSTEM QUALIFIED FOR USE IN UNCRACKED CONCRETE IN ACCORDANCE WITH TEST PROGRAM OF TABLE 4.1 (AC193)



MARKINGS 'K 5' or 'K 5*' INDICATE MANUFACTURER SG-TEC WITH A 'K'; DRILL DIAMETER AND EMBEDMENT DEPTH.

** HEAD EXTENSIONS HAVE NOT BEEN TESTED FOR SHEAR OR TENSION CAPACITIES.

Characteristic	Symbol	Units	Nominal Anchor Diameters		
			CSS 5/32" C (4.00)	CSS 3/16" C (5.00)	CSS 3/16" S (5.00)
Installation Information					
Outside Diameter	d _o	inch (mm)	0.205" (5.21)	0.246" (6.25)	0.246" (6.25)
Effective Embedment Depth	h _{ef}	inch (mm)	1-3/4" (45,00)	1-3/4" (45,00)	1-3/4" (45,00)
Installation Torque	T _{inst.}	ft lb (Nm)	<14.75 (20.00)	<14.75 (20.00)	<14.75 (20.00)
Minimum Concrete Thickness	h _{min.}	inch (mm)	4" (100,00)	4" (100,00)	4" (100,00)
Anchor (Screw) Data					
Yield Strength of Screw Steel	f _y	lb/in² (MPa)	113632 (783)	68180 (470)	84270 (581)
Ultimate Strength of Screw Steel	f _{ur}	lb/in² (MPa)	129649 (893)	147112 (1014)	153325 (1057)
Tensile Stress Area	A _{SE}	in² (mm²)	0.00847 (5.46)	0.015 (9.68)	0.0147 (9.48)
Shear Stress Area	A _{SE}	in² (mm²)	0.00847 (5.46)	0.015 (9.68)	0.0147 (9.48)
Pullout or Pull-Through Resistance from Tests	N _p	lb (kN)	1256 (5.58)	1813 (8.24)	1065 (4.84)



Approved as complying with the Florida Building Code
Date 10/15/2015
NOAH 15-0611.03
Miami Data Product Control
By [Signature]

YIPING WANG, P.E.
FLORIDA REGISTRATION
PE: 855983
CAN: 28677
SEP 02 2015

REVISIONS
NO. DATE DESCRIPTIONS

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
8501 SW 124 AVE. STE. 205A
MIAMI, FL 33183
P: 305.271.0117
F: 785.573.5063
www.MCYEngineering.com
MCY Engineering@Aft.net

MPS™ (Multi Purpose Screw) 3/16" (5mm)

SG-TEC LLC
1520 Ocean Avenue, Bohemia, NY 11716
Tel: (631) 750 6161

DATE 05/12/2015
SCALE 2 : 1
DRAWN HG
PROJECT SG-TEC
DRAWING NO. AD# 15-026
Page 03 of 03